

ORIG :
 UNIT : NPIC/TSSG/APSD/IEB
 EXT :
 DATE : 30 MAR 70

SECRET

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3	6	25X1

TO :

FROM:

CONF:

INFO :

1970 APR 9 14 35Z

	DEFERRED	PRIORITY	INITIALS
X	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

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TO INFO

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8297

IDEALIST

CTF/RED DOT

SUBJECT: CTF MISSIONS USING S0-242

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1. IN ORDER TO CLARIFY AND REDEFINE AGREED UPON RESPONSIBILITIES, REQUIREMENTS AND PROCEDURES APPLICABLE TO COLOR TASK FORCE (CTF) RE-SEARCH CONDUCTED WITHIN THE RED DOT PROGRAM, THE FOLLOWING INFORMATION IS DISSEMINATED.

2. THE CTF/RED DOT PROGRAM IS CONDUCTED AS A MATTER OF JOINT COMMUNITY INTEREST TO TEST AND EVALUATE THE UTILITY OF S0-242 FOR AS RELATED TO PHOTO INTELLIGENCE.

25X1

THE PROGRAM EMPLOYS A HIGH ALTITUDE RECONNAISSANCE PLATFORM AND THE DELTA III CAMERA CONFIGURATION TO ACQUIRE A VARIETY OF TARGET TYPES WITHIN THE ZI. THERE ARE APPROXIMATELY 130 SPECIFIC TARGETS WITHIN THE PROGRAM. FUTURE MESSAGES WILL REFER TO THIS PROGRAM WITH A CTF/RED DOT SLUG LINE.

3. THERE HAVE BEEN EIGHT CTF/RED DOT MISSIONS TO DATE.

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CLASSIFIED MESSAGE

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GT69-408	04 NOV 69
GT69-437	14 NOV 69
GT69-462	03 DEC 69
GT69-474	17 DEC 69
GT69-480	23 DEC 69
GT70-019	23 JAN 70
GT70-027	29 JAN 70
GT70-036	05 FEB 70

4. ☐ HAS PREPARED A LIST OF THE TARGETS AND HAS INDEXED

25X1

THE ABOVE MISSIONS. APPROXIMATELY 48 OF THE TARGETS HAVE BEEN COVERED. SOME TARGETS WILL REQUIRE BOTH SUMMER AND WINTER COVERAGE AND OTHERS WILL REQUIRE ONE-TIME COVERAGE ONLY. FOUR LISTS WILL BE DISSEMINATED TO ADDRESSEES.

LIST A. THE CTF LIST OF TARGETS: THIS LIST WILL ARRANGE THE TARGETS IN GENERAL GEOGRAPHIC GROUPINGS TO FACILITATE FLIGHT PLANNING.

LIST B. CTF TARGETS ADEQUATELY COVERED.

LIST C. CTF TARGETS REQUIRING MAY THRU SEPT COVERAGE.

LIST D. CTF TARGETS REQUIRING OCT THRU APR COVERAGE.

THE LISTS CONSIST OF AN 80 COLUMN PRINTOUT CONTAINING THE FOLLOWING INFORMATION:

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TO	INFO	CITE
	<u>COLUMNS</u>	<u>INFORMATION</u>
	01 - 38	TARGET NAME
	40 - 54	GEOGRAPHIC COORDINATES
	60 - 67	TARGET NUMBER OR ELEVATION ABOVE SEA LEVEL IN FEET.
	72 - 76	BLANK OR DIAMETER OF TARGET IN FEET.
	78 - 79	COVERAGE REQUIRED: S - SUMMER, W - WINTER. WHEN COLUMNS ARE BLANK, EITHER SUMMER OR WINTER COVERAGE WILL SUFFICE.
	80	TARGET PRIORITY.

5. IN ADDITION TO THE ABOVE LISTS, IS PREPARING A CROSS-INDEXED MISSION COVERAGE STATISTICS PUBLICATION THAT WILL CONTAIN INFORMATION PERTINENT TO THE FIRST EIGHT MISSIONS. THIS PUBLICATION WILL BE UPDATED AFTER SUBSEQUENT CTF/RED DOT MISSIONS AND DISTRIBUTED TO ALL ADDRESSEES. IT WILL CONTAIN:

A. A MAP SHOWING THE LOCATION OF ALL CTF TARGETS IDENTIFIED BY TARGET NUMBER.

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- B. A CUMULATIVE COVERAGE PLOT OF ALL PHOTOGRAPHY ACQUIRED.
- C. AN INDIVIDUAL PLOT OF EACH MISSION.
- D. A LISTING OF THE PHOTOGRAPHIC COVERAGE BY TARGET
NAME AND THE MISSION, FRAME AND X - Y COORDINATES INDICATING
THE LOCATION OF THE TARGET IN THE FRAME.
- E. A LISTING OF THE PHOTOGRAPHIC COVERAGE BY MISSION
NUMBER AND TARGET NAME.
- F. A LISTING OF THE PHOTOGRAPHIC COVERAGE BY TARGET NUMBER
AND THE MISSIONS THAT INCLUDE THE TARGET.
- 6. CERTAIN PARAMETERS HAVE BEEN ESTABLISHED FOR THE ACQUISITION

OF CTF TARGETS IN THIS PROGRAM:

- A. TARGET AREA MUST BE 75 PERCENT CLOUD FREE.
- B. TARGET AREA MAY HAVE LIGHT SNOW COVER WHERE WINTER
COVERAGE IS SPECIFIED.
- C. CORN MOBILE TARGETS ARE DESIRED WHEN AVAILABLE. MISSIONS
SHOULD NOT BE ABORTED IF CORN TARGETS ARE NOT AVAILABLE. OVERFLYING

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FIXED RESOLUTION TARGETS WOULD BE HELPFUL IN THE ABSENCE
OF CORN TARGETS.

D. SOLAR ELEVATIONS ABOVE 25 DEGREES WILL BE REQUIRED
UNLESS SPECIAL LOW SOLAR ELEVATIONS ARE REQUESTED ON SPECIFIC
TARGETS BY SEPARATE CABLE. A 15 DEGREE ELEVATION WILL BE
PERMISSIBLE FOR WINTER COVERAGE IN THE NORTHERN LATITUDES.

E. WHERE PRACTICAL, GROUND TRACK AZIMUTH OF THE VEHICLE
SHOULD BE BETWEEN 170 AND 250 DEGREES WITH THE OPTIMUM HEADING
BEING 210 DEGREES. RECIPROCAL HEADINGS WOULD BE THE SECOND
CHOICE RATHER THAN EAST-WEST HEADING.

F. VERTICAL COVERAGE NOT MANDATORY. TARGETS MUST BE WITHIN
5 MILES OF GROUND TRACK.

G. REPETITIVE COVERAGE, EXCEPT TO SATISFY SEASONAL REQUIRE-
MENTS NOT REQUIRED UNLESS SPECIFICALLY REQUESTED BY SEPARATE CABLE.

7.

A. PROVIDE [] - DETAILED SORTIE REPORT; []

PROCESSING ADVISORY: AND, [] CONFIGURATION REPORT TO

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INTERESTED AGENCIES.

B. IF A MISSION COVERS FIVE OR FEWER TARGETS OR CONSUMES
LESS THAN 2000 FEET OF FWD OR AFT FILM, THE MATERIAL MAY BE
HELD UNTIL SUFFICIENT QUANTITY HAS BEEN ACCUMULATED BEFORE
SHIPPING

25X1

C. STEREO COVERAGE REQUIRED OF ALL TARGETS. IF ONE CAMERA
MALFUNCTIONS IT CAN BE ASSUMED THAT TARGETS ARE NOT COVERED. IF
SUCH A MALFUNCTION IS DETECTED TARGETS COULD BE
RESCHEDULED.

25X1

8.

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A. FILM REPRODUCTION REQUIREMENTS IN SUPPORT OF CTF/RED
DOT MISSIONS.

CUSTOMER	COPIES	REQUIREMENT
A	1	CONTACT INTERNEG - 7271
	2	S0-360 DP FROM S0-242
	1	QC STRIP PROCESSED WITH S0-242
		AND 7271

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TO	INFO	CITE
	CUSTOMER	COPIES
		REQUIREMENT
		2430 DP FROM 3404 B/W ORIGINAL
B	2	S0-360 DP FROM S0-242
	2	2430 DP FROM 3404 DP
G, H, Y, L	1	S0-360 DP FROM S0-242
	1	2430 DP FROM 3404

B. THE 100 PERCENT CLOUD COVERED FRAMES SHOULD BE EDITED.

☐ JUDGMENT ACCEPTABLE.
C. CLASSIFICATION IS SECRET, ☐

D. UNIVERSAL GRID FRISKITS (DELTA III) WILL BE INCLUDED AS PART OF HEAD IDENT ON ALL PARTS.

E. RETAIN S0-242 UNTIL IN-HOUSE REQUIREMENTS ARE SATISFIED.

F. FORWARD FLIGHT DATA SHEETS AND FLIGHT GROUND TRACKS TO

☐ WITH FIRST SHIPMENT.

G. DO NOT REPORT ON TARGET COVERAGE.

H. ARRANGE CORN TARGET SUPPORT AND RECOMMEND EXPOSURE SETTINGS.

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I. PROVIDE [] - FILM EVALUATION REPORT, AND

25X1

[] - FIRM PICK UP TIME TO INTERESTED AGENCIES.

25X1

9. [] WILL INDEX SUBSEQUENT MISSIONS UPON RECEIPT AND

25X1

ADVISE INTERESTED AGENCIES BY TWX OF TARGETS CONSIDERED ADEQUATELY COVERED.

10. FLIGHT PLANNING AND SCHEDULING TO COMMENCE AT THE DISCRETION

[] ON RECEIPT OF THIS TWX AND THE TARGET LIST. THE TARGET LIST IS BEING DISSEMINATED TO ACTION ADDRESSEES UNDER SEPARATE COVER.

25X1

END OF MESSAGE

CH/IEG

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